

BuildSecurityIn

<http://BuildSecurityIn.us-cert.gov>

As part of the Software Assurance program, BuildSecurityIn (BSI) is a project of the Strategic Initiatives Branch of the National Cyber Security Division (NCSD) of the Department of Homeland Security. The Software Engineering Institute was engaged by the NCSD to provide support in the Process and Technology focus areas of this initiative. The Software Engineering Institute team and other contributors develop and collect software assurance and software security information that helps software developers, architects, and security practitioners to create secure systems. BSI content is based on the principle that software security is fundamentally a software engineering problem and must be addressed in a systematic way throughout the software development life cycle. BSI contains and links to a broad range of information about best practices, tools, guidelines, rules, principles, and other knowledge to help organizations build secure and reliable software.

Software Assurance Technology Center

<http://satc.gsfc.nasa.gov/>

The Software Assurance Technology Center (SATC) was established in 1992 as part of the Systems Reliability and Safety Office at NASA's Goddard Space Flight Center (GSFC). The SATC was founded with the intent to become a center of excellence in software assurance, dedicated to making measurable improvement in both the quality and reliability of software developed for NASA at GSFC. SATC is self-supported with internal funding coming from research and application of current software engineering techniques and tools. Research funding primarily originates at NASA headquarters and is administered by its Software Independent Verification and Validation Facility in Fairmont,

WV. Other support comes directly from development projects for direct collaboration and technical support.

National Institute of Standards and Technology (NIST) Computer Security Division (CSD)

<http://csrc.nist.gov/>

The CSD-(893) is one of eight divisions within Information Technology Laboratory. The mission of NIST's Computer Security Division is to improve information systems security by raising awareness of information technology (IT) risks, vulnerabilities, and protection requirements, particularly for new and emerging technologies. NIST researches, studies, and advises agencies of IT vulnerabilities and devising techniques for the cost-effective security and privacy of sensitive federal systems; developing standards, metrics, tests and validation programs to promote, measure, and validate security in systems and services, to educate consumers, and to establish minimum security requirements for federal systems; and developing guidance to increase secure IT planning, implementation, management and operation.

CERIAS

www.cerias.purdue.edu

CERIAS is currently viewed as one of the world's leading centers for research and education in areas of information security that are crucial to the protection of critical computing and communication infrastructure. CERIAS provides multidisciplinary approaches to problems, ranging from technical issues (e.g., intrusion detection, network security, etc) to ethical, legal, educational, communicational, linguistical, and economical issues, and the subtle interactions and dependencies among them.